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Approved for use through 10/31/2002. OMB 0651-0032

PTO/SB/05 (03-01)

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 98-058/1D

First Inventor Kunal Taravade et al.

Confinement Device for Use in Dry Etching of Substrate Surface and Method of Dry

Etching a Wafer Surface.

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EL 643644905 US

Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: Box Patent Application Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) it an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) [Total Pages Specification Computer Readable Form (CRF) 3. Lx - Descriptive title of the invention b. Specification Sequence Listing on: Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, i i. 🔲 or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) Power of - Claim(s) 37 CFR 3.73(b) Statement 10. 🐹 - Abstract of the Disclosure (when there is an assignee) Attorney English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [ Total Sheets 4. [7] Copies of IDS Information Disclosure [ Total Pages Citations 5. Oath or Declaration Statement (IDS)/PTO-1449 **Preliminary Amendment** Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 09 228,906 Continuation-in-part (CIP) of prior application No.: Continuation Divisional 1763 Examiner Alva Powell Prior application information: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label y Oceanie Me. Celliside de Calabella PETE SCOTT Name LSI LOGIC CORPORATION 1551 McCarthy Blvd., MS D-106 Address 95035 Zip Code State City CA Milpitas 98/7460 Telephone 408/433-8708 Fax Country USA 33,279 PETEN Registration No. (Attorney/Agent) Name (Print/Type) Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**Application Number** 

**Filing Date** 

PTO/SB/17 (2/98) 0/2000. OMB 0651-0032 MENT OF COMMERCE id OMB control number.

09/228,906

Complete if Known

86/18/01

Patent Fees are subject to annual revision on October 1. othe

Patent Fees are subject to annual revision on These are the fees effective October1, 1		First Named Inventor	Kunal Taravade		
Il Entity payments must be supported by a small erwise large entity fees must be paid. See Forms	entity statement, s PTO/SB/09-12.	Group Art Unit	1763 Alva Powell		
See 37 C.F.R. 1.27 and 1.28.		Examiner Name			
OTAL AMOUNT OF PAYMENT	\$944	Attorney Docket No.	SYM/LSI-105A / 98-058/1D		

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
	3. A[	3. ADDITIONAL FEES				
The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:  Deposit Account 12-2252	Large Fee Code	Entity Fee (\$)	Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
Account 12-2252 Number	105	130	205	65	Surcharge - late filing fee or oath	
Deposit Account LSI LOGIC CORPORATION	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
Number	139	130	139	130	Non-English specification	
Charge Any Additional Fee Charge the Issue Fee Set in 37 C.F.R. 1.18 at the	147	2,520	147	2,520	For filing request for reexamination	
required Under 37 Mailing of the Notice of	112	920*	112	920	Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed:  Check Money Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
Order U	115	110	215	55	Extension for reply within first month	
FEE CALCULATION		400	216	200	Extension for reply within second mont	
15BASIC FILING FEE	117	950	217	475	Extension for reply within third mont	
Large Entity Large Entity Fee Fee Fee Fee Description Fee Paid	118	1510	218	755	Extension for reply within fourth mont	
Gode (\$) Code (\$)	128	2,060	228	1,030	Extension for reply within fifth mont	
101 760 201 380 Utility filing fee \$710	119	310	219	155	Notice of Appeal	
106 310 206 155 Design filing fee	120	310	220	155	Filing a brief in support of an appea	
107 480 207 240 Plant filing fee	121	270	221	135	Request for oral hearing	
108 760 208 380 Reissue filing fee	138	1,510	138	•	Petition to institute a public use proceedin	
144 0 214 0 Provisional Filing fee	140	110	240	55	Petition to revive - unavoidabl	
SUBTOTAL (1) \$710		1,320	241	660	Petition to revive - unintentional	
2-EXTRA CLAIM FEES		1,320	242	660	Utility issue fee (or reissue	
Extra Claim Fee from Fee Paid	143	450	243	225	Design issue fee	
Total claim 33 -20**= 13 X \$18 = 234.00	144	670	244	335	Plant issue fee	
Independent -3**= 0 X \$78 = \$0.00	122	130	122	130	Petitions to the Commissioner	
Claims Multiple Dependent \$260 = \$0.00	123	50	123	50	Petitions related to provisional application	
**or number previously paid, if greater, For Reissues, see below	126	240	126	240	Submission of Information Disclosure Stm	
Large Entity Fee Fee Fee Fee Description	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129 (a))	
102 78 202 39 Independent claims in excess of 3	149	790	249	395	For each additional invention to be	$\vdash$
104 260 204 130 Multiple dependent claim, if not paid	143	1 90	270	555	examined (37 CFR 1.129 (b))	
109 78 209 39 **Reissue independent claims over original patent		Other fee (specify)				
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Other	fee (spe	cify)			
SUBTOTAL (2) \$234 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$0						

SUBMITTE	D BY	Complete (if applicable)		
Typed or printed name	Peter Scott		Reg. Number	33,279
Signature	Peter P. Scott	Date 1 June 2001	Deposit Account User ID	

## IN THE UNITED STORES PATENT AND TRADE ARK OFFICE

#### In re Application of:

Charles W. Jurgensen et. al.

Serial No.:

09/228,906

Group Art Un

1763

Filed:

January 11, 1999

**Examiner:** 

Powell, Alva

For:

Confinement Device for Use in Dry

Etching of Substrate Surface and

Method of Dry Etching a Wafer

Surface

**Atty Docket:** 

SYM/LSI-105A / 98-058

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assitant Commissioner for Patents, Washington D.C. 20231, on the date indicated below:

Maria Kovacs

June 18, 2001

Signature

### **CERTIFICATION UNDER 37 C.F.R. 3.73(b)**

Assistant Commissioner for Patents Washington, D.C. 20231

o Mis

LSI Logic Coporation, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application.

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The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, inder Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LSI Logic Corporation

1551 McCarthy Blvd., MS D-106

Milipitas, CA 95035

(408) 433-8708

Date: \_\_\_

Respectfully submitted,

Sandeep Jaggi Chief IP Counsel

Corporate Assistant Secretary LSI LOGIC CORPORATION



#### PTO BOX APPLICATION for Div. IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Art Unit: 1763

Examiner: Alva Powell
SYM/LSI-105A/98

For:

Confinement Device for Use in Dry Etching of Substrate Surface and Method of Dry Etching

058/1D

HONORABLE COMMISSIONER:

98-058/1D

Please acknowledge receipt of the following documents with a date stamp from the mail room of the U.S. Patent and Trademark Office and return this card to addressee.

Please stamp to acknowledge receipt of the following documents:

a Wafer Surface

Kunal Taravade et. al.

1) Transmittal Letter PTO/SB/05

2) Fee Transmittal Form

3) Non-provisional Paterit Application comprising the following:

Specification

4) Preliminary Amendment (4) May 22, 201
5) PTO/SB/81 Power of Attorney of Authorization 37 C.F.R. 3.73 (b) Declaration with power of attorney.

7 sheet(s

Declaration with power of attorney.

Via Express Mail Airbill # \_\_\_\_ 643644905 US

Dated Mailed: June 18, 2001

EL643644905US

